

**MONTANA STATE AVIATION SYSTEM PLAN  
1995 UPDATE  
FIELD INSPECTION FORM**

AIRPORT:	POLSON (8S1)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	POLSON	APPROACH TYPE:	VISUAL
CONTACT:	TIM MORAN	DATE INVENTORIED:	12-20-95
PHONE #:	883-6787	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 18/36 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	80'		NO
PARALLEL TAXIWAY FROM CENTERLINE:	150'	NONE		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	283'		✓
RUNWAY WIDTH:	60'	60'		✓
RUNWAY LENGTH:	4,740' (1)		4,200'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	(2)		NO
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(3)-(5)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' W x 200' BEYOND			(6)
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
<b>RUNWAY 18 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,933.3	N/A
<b>RUNWAY 36 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	(6)		NO
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	(6)		NO
APPROACH OBSTRUCTIONS:	20:1	(7)		NO
RUNWAY END ELEVATION:			4,756.0	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED - NATIOANAL & GEN. ELECT.			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 18</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	7'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 36</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	7'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

**COMMENTS:**

- (1) RW LENGTH OF 3,460' FOR 75%, 4,270 FOR 95% AND 4,740 FOR 100% COVERAGE; ALP ULT OF 4,900' SHOWN ON ALP
- (2) FARM DISKING OUTSIDE LIGHT LINE ON W SIDE OF RW MAKING SURFACING UNACCEPTABLE IN RSA
- (3) UTILITY POLE 130' FROM 18 END AND E OF CL (~17%) IN TRANSITIONAL SURFACE
- (4) HILL W OF AIRPORT CLOSE TO BEING IN TRANSITIONAL SURFACE; NDB ALSO WEST OF CL IN TRANS SURF (16%)
- (5) BRUSH OFF SW CORNER OF RW IN TRANSITIONAL SURFACE (~24%)
- (6) AT ~175' ALONG CL TERRAIN DROPS SHARPLY (~20%) FOR 25' WHERE TERRAIN AGAIN CLIMBS ANOTHER 45' TO A FENCE AND BRUSH - GRADES EXCEEDED FOR RSA AND OBJECTS IN OFA
- (7) LIGHT BRUSH ALONG FENCE IN APPROACH SLOPE (14%)

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>TAXIWAY INVENTORY</b>				
TAXIWAY WIDTH:	25'	(1)		NO
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
<b>TAXIWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	N/A		N/A
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'			
TYPE:				
CONDITION:				
COLOR:	BLUE	▼		

**MISCELLANEOUS**

TYPE OF BEACON:	BEHIND APRON, ON METAL TOWER, 60' HIGH
SIZE OF BEACON:	36"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	36 END; OLD ADB ALNACO VASI IN FAIR/POOR COND, 50' OFF PVMT
WINDCONE (CONDITION & COMPLIANCE):	W OF RW ~300', FAIR COND EXCEPT LOOSE BASE, 25' HIGH
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL SEG. CIRCLE IN GOOD COND
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD & FAIR
SIGNS: (TYPE, CONDITION, PLACEMENT)	NONE

**COMMENTS:**

(1) MIDFIELD EXIT TAXIWAY 40' WIDE, BUT JUGHANDLE PAVEMENTS 20' WIDE  
(2) ENTRANCE BLUE LIGHTS AT MIDFIELD EXIT TAXIWAY